NAPA

User's Manual

PA28

English
Version: 1.0

Dear Customer,

Thank you for purchasing this product.

For optimum performance and safety, please read these instructions carefully.

Before connecting, operating or adjusting this product, please read these instructions completely. Please keep this manual for future reference.

Notice: All manuals, quick start guide and packing text is based on English version. If there is any discrepancy, please use the English version as reference.

NAPA

Navigating the User's Manual

This User's Guide is in Adobe Acrobat (.PDF) file format.

Important:
We recommend that you use Adobe Acrobat Reader version 4.0 or higher to view and print the NAPA User's Manual. Acrobat Reader 4.0 is available on this CD.

Click blue, underlined text links to jump to another location in the document or to a location on the Internet.
Click the Index link at the bottom of any page to go to the index of the User's Manual.

Using Acrobat
Click the navigation buttons ⏮ ◀ ▶ ⏭ in the Acrobat toolbar to go to the first page, previous page, next page, or last page of the User's Manual.

Click the print button 🖨 in the Acrobat toolbar to print the User's Manual.

This symbol	Indicates
	One useful information
	Attention please
	A warning

NAPA

INDEX

Chapter 1   Introduction

1-1   Your NAPA MP3 Player

1-1.1 Features

Slim & Portable

Full Function Integrated

Plays WMA/MP3 Digital Music

Digital Voice Recording up to 8 hours

Built-in 128MB Flash Memory

Dot Matrix LCD Display

Blue EL Type Back Light

USB Disk Function, Upload and Download, No Limit By The File Type

USB V1.1 Port

Recharging Via USB Port

Built-in Rechargeable Battery

5 Kinds Of Music Equalizer Preset

5 Kinds Of Music Play Modes

Digital Volume Adjustment

Firmware Updateable Via USB Port

No Need a Driver To Upload and/or Download（Windows ME/xp/2000）

Supports WINDOWS 98/ME/2000、Mac Os 9

Supports Voice Recording Via External Microphone

1-1.2 System Requirements

Pentium MMX 200 or above CPU

30MB Available Free Hard Drive Space

One Available USP Port

CD-ROM Drive 4x or above

Operation System

Windows	Microsoft Windows 98, Windows 98SE, Windows Me, Windows 2000, Windows XP or above

Macintosh OS   Mac OS 9

1-1.3   In the Package

PA28 Player

Bundled CD   Quick Start Guide
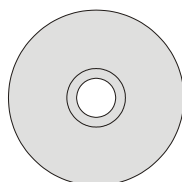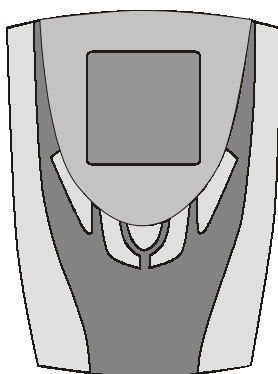
Warranty Card

Hang type Stereo Earphone   Adapter   USB Cable
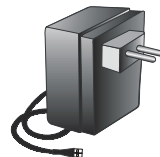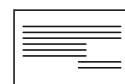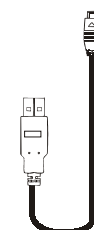
1-1.4 Location of Controls
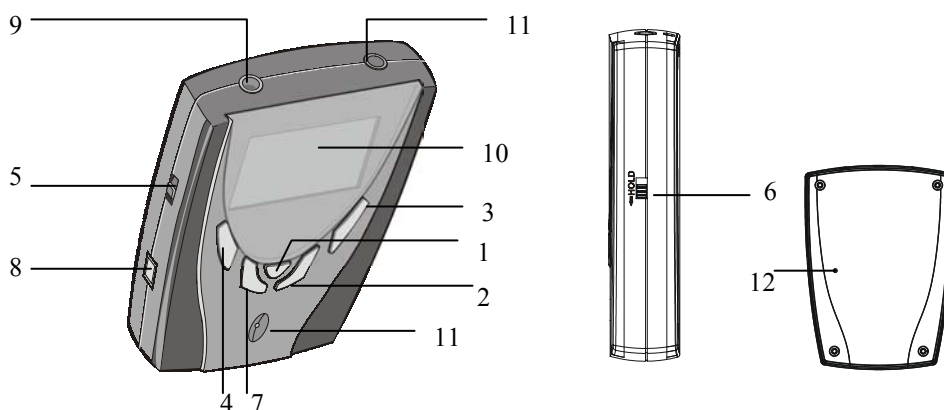
1 Power ON/Play/Pause

Press the button to power ON, playback music or voice file.

2 Stop/Power OFF

Press to Stop the playback or Recording; Press and holding for some seconds to turn off the player.

3/4Volume +/ -

Press these two buttons to adjust the earphone output volume level.

5 Menu (Operation Button)

The 3-way Operation button is one special button of the player. It has some different functions when Press Down, Shift Up and Shift Down.
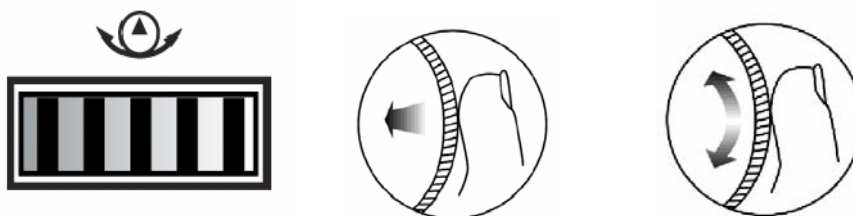
While playing music, shift Up/Down the Operation Button, causes to skip to Previous/Next music。 And it will fast skip backward/forward in one music track if keeps on shifting Up/Down the button.

While playing music, press down the Operation Button, the LCD displays Menu list.

Shift Up/Down the Button can move the select bar on the display.

Press down the Button to Enter one Sub-Menu or Confirm one selected Menu Options.
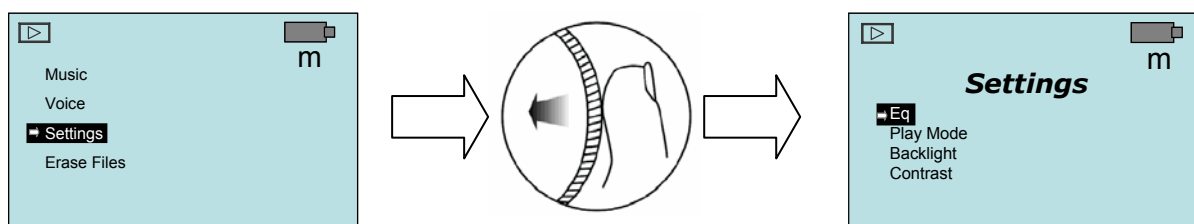
To Exit the Menu List, just Keep on Pressing Down the Operation Button for almost 1 second. The screen will switch back to playback screen.

6 Hold Switch

Hold：When you need to lock the player buttons, slide the Hold Switch Upwards. If the player is on at this moment, the LCD will display as following when any key touch:
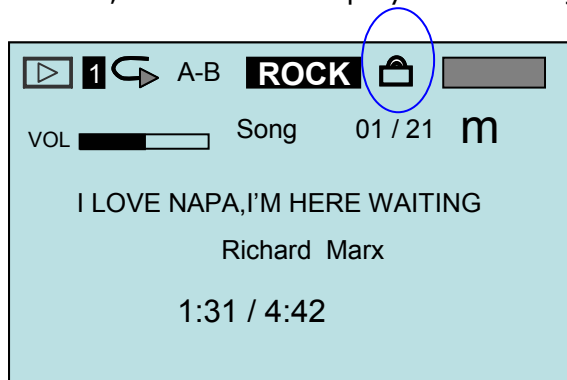
Release：You can re-operate the player only when the Hold Switch is Released. Slide the Hold Switch back to Release.

Notice: Ensure that the Hold Switch is Released before you turn on the player. Or you can not use the player.

7 A-B Repeat / REC Button

Repeat a selected section of the music continuously:

While playback music or voice memo, Press this button to mark the repeat point where you want the section to start, and press this button again where you want the section to end. The player starts to playback the selected section from start to end repeatedly.

To cancel the A-B Repeat, press the A-B repeat button again. The A-B repeat indicator disappears from the LCD and the music continues playing from the point.

Record voice:

Press and hold the A-B Repeat/REC button for 1 second to start record.

8 Mini-USB Port

You can upload / download / manage the files via this port with supplied USB cable. You can recharge the battery via this port with supplied USB cable or supplied power adapter.

9 Microphone In Jack

It is for an external microphone. If there is an external microphone connected to this port, the player switches to use the external microphone when voice recording. If no external microphone connected, the player use the built-in microphone.

10 LCD Display

Displays Playback Status, Menu Setting, Music Information, etc.

11 Earphone Jack

For earphone.

12 Reset Hole

You can use one thin and solid stick and press on the Reset button inside the Reset hole to reset the player.

1-1.5 Battery

The player uses built-in rechargeable battery. There is battery power capacity indicator appears on the LCD display. There are two ways to charge the battery.

1-1.5.1 Checking out the remaining power capacity

Power Capacity Indicator Symbols

| Full Power | Not Full Power | Low Power | Need to charge |
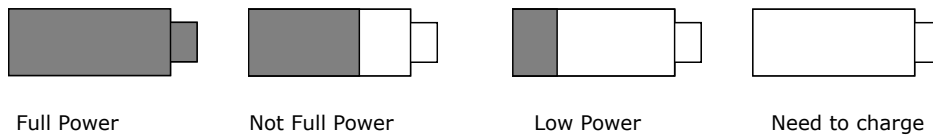
If not use the player for a long time, you may find the battery capacity becomes low. It is normal and just use it up and recharge the battery to full capacity.

1-1.5.2 Charge the Battery

Charging with the PC power：

Connect the flat port of the supplied USB cable to the USB port of PC,

Connect the miner port of the cable to the mini-USB port of this player;

Press the Play button to turn on the player.

The Recharging starts. The Power Capacity Indicator indicates the charging progress.（Be sure the PC has been turned on）
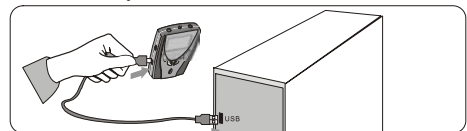
Charging with the supplied adapter：

Connect the mini-USB type port of the supplied power adapter to the mini-USB port of this player,

Connect the power adapter to the power outlet.

Press the Play button to turn on the player.

The Recharging starts. The Power Capacity Indicator indicates the charging progress.
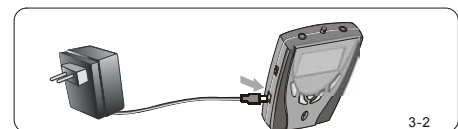
It is recommended that charging with the supplied adapter to ensure recharging time and electronic current quality.

It takes about 8~10 hours to fully recharge the battery. Recharge the battery over 24 hours before the first time use the player.

Chapter **2**   Install Software

ℹ️ If you are using Windows Me/XP/2000, it is no need to install driver. Just connect the player to your PC, the player will be detected and install one general driver. The built-in flash memory of the player will appear in "My Computer" as one Removable Disk. After it is finished, you can upload, download and manage the files in the player.

You still need to install the driver from bundled CD if you want to upgrade the firmware or completely format the flash memory of the player.

If you are using Windows 98 or 98SE, you need install the driver from bundled CD. Otherwise you can not upload, download and manage the files in the player, because Windows 98 has not integrated general drivers for USB MP3 player.

How To Install Driver – Step by Step

2-1 For Windows

Step 1.   Insert the bundled CD into the CD-ROM drive. If the Setup program does not run automatically, do steps 2 through 3. Otherwise, skip to step 4.

Step 2.   Click **Start** -> **Run**.

Step 3.   In the **Run** dialog, type D:\showmenu.exe (where D:\ is your CD-ROM drive) and click **OK**.

Step 4.   At the NAPA Driver & Menu Select screen, Click and Select "**PA28**" from the Model Select bar. Or type D:\Driver\PA28\setup.exe and click OK, then the driver install wizard starts to guide you install the driver.

Step 5.   At the NAPA Driver & Menu Select screen, Click and Select "**English**" from the Manual Language Select bar.

Step 6.   Click on the "**View Manual**" button on the right side of the screen.   The manual screen will pop up. If it is the first time to use the product, please read the manual carefully.

Step 7.   Click on the "**Setup Driver**" button below the "**View Manual**" button on the right side of the screen. The driver install wizard starts to guide you install the driver.

Step 8.   Click [**Next**] start to install driver. Follow the instructions on the screen. (Simply Bypass Logo Testing Message- Choose "Continue" if prompted this question under Windows XP/2K/ME).
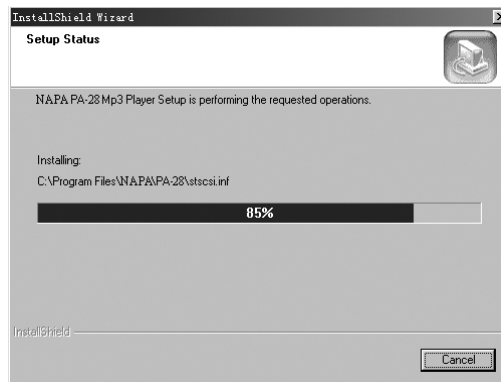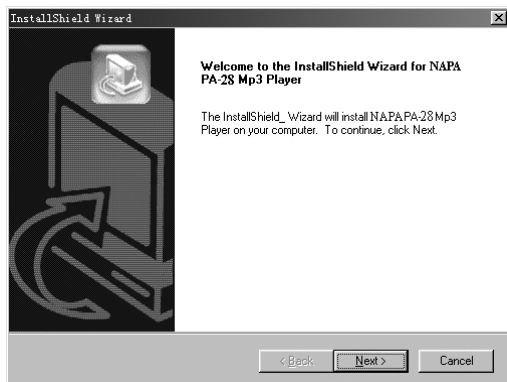
Step 9.   When prompted to restart your system, take out the CD from the CD-ROM drive and select the **Yes, I want to restart my computer now** option and then click the **Finish** button。
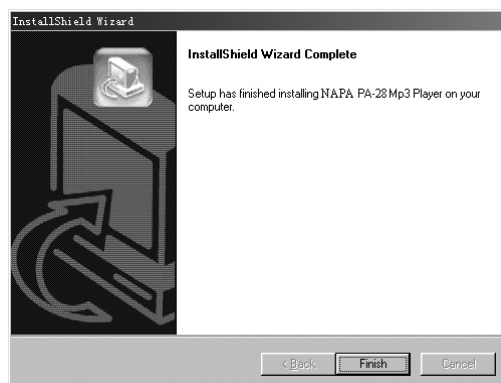
2-2   For Macintosh OS

Step 1.   Insert the bundled CD into the CD-ROM drive.
Step 2.   Double click on the CD-ROM icon on desktop.
Step 3.   When the CD-ROM file list window appears, double click the **MAC_OS** icon. When MAC_OS window appears, double click the **PA28_V_1_1.sit** icon. You will be prompted to select one application installation folder.
Step 4.   Select one existing folder, or create one new folder, then click on "**Select**".
Step 5.   Double click to open the folder. Then double click on **Install** icon.
Step 6.   The driver starts to be installed. Following the instructions on the screen.
Step 7.   When prompted to restart your system, take the CD out from the CD-ROM drive and click on **Restart** button.
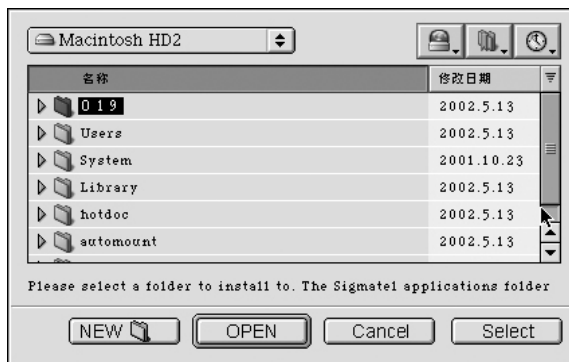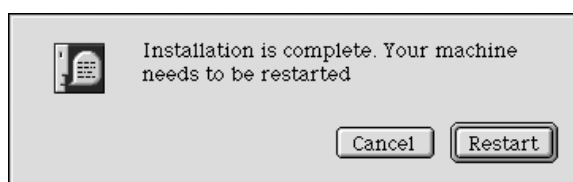
Chapter 3   Connect to PC

ⓘ You need not switch off your computer when you connect the player to the PC since USB is Plug-and-Play. Before USB connecting with computer，disconnect the earphone from the player.

Setup Connection

(1) Position the PC so that its USB ports can be easily accessed.

(Note: The USB port(s) on you PC may be found on the front panel instead of the back panel. Contact your system vendor if need)

(2) Remove the USB cap of the player;

(3) Connect the built-in B type USB connector to the USB port of PC;

(4) Press **Play** button to turn on the player. A diagram appears on the LCD, indicating that the player is connected to your PC. The player starts to recharge the battery.

Connect to PC

3-1 For Windows

Step 10. Once you have plugged in the player to your PC, system detects New hardware and starts to install the drivers automatically. Wait for system finish the installation.

Step 11. When finished, you can click **Start** -> **Program** -> **NAPA PA28 MP3 Player** -> **Player Update**. If current firmware version is lower than Update firmware version, please click on **Start** button. Otherwise, you need not to update. Click on **Close** button to exit.

Step 12. The driver installation has finished.

Step 13. Double-click on **My Computer** on desktop. It shall be observed that one new **Removable Disk** appears in the My Computer window. It is the memory built-in the player.

Step 14. Now you can download your WMA/MP3 music to the player by copying the files to the new **Removable Disk**.
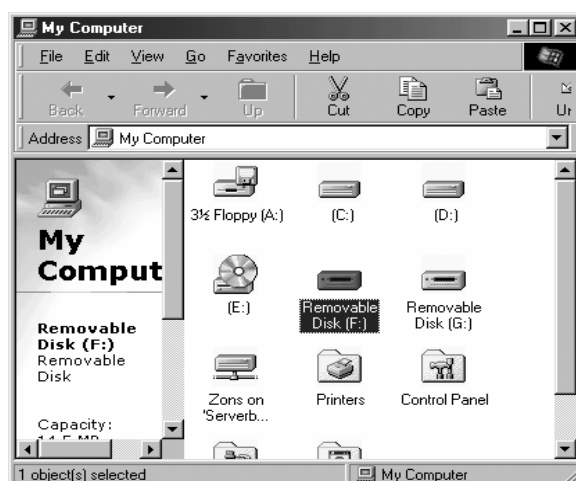
3-2   For Macintosh OS

Step 8.   System detects the new hardware and one new **Untitled Disk** icon appears on desktop.

Step 9.   Now you can download your WMA/MP3 music to the player by copying the files to the new **Untitled Disk**.

If you are using Windows Me、Windows 2000 、Windows XP, users are recommended to click on the small icon on the taskbar of the Windows (**Safely Remove Hardware**), which is an utility aims to disconnect the MP3 player from the USB connection in a much secure manner.

When you are going to disconnect the player, double-click on this icon, and click on the Stop button in the "Remove Hardware Device" dialog window. And click on OK button when asked which device to be stopped. The "Safely Remove Hardware" window appears to tell you that now it is safe to remove the player. Now you can disconnect the player from computer safely.

If you disconnect the player not following the instructions in Windows Me、Windows 2000 and Windows XP, it may cause damage to the data or file, even causes the player can not work. If it occurs, please refer to _How to Refresh the Firmware_ to fix this problem and make the player back to normal.

Chapter 4   Download Music

The player can be used as one mobile data storage device. It needs no special software to upload, download and manage the music and files. Just using the copy, paste, delete and etc. commands of your Operation System such as Windows and Macintosh OS, it is very easy and fast by clicking the mouse.

To Download Music to the Player, connect the player with PC, then:

4-1   For Windows

Step 1.   Select the music you want to download to the player by clicking on the file icon
(If you want to choose more than one music, press and hold the **Ctrl** or **Shift** key when you clicking)

Step 2.   Right-click on the files, a menu appears. Click **Copy**

Step 3.   Double-click on the **Removable Disk** to open the drive. The Removable Disk window appears.

Step 4.   Right-click on the Removable Disk window and click **Paste** in the menu.

Step 5.   Starts to copy the files. The LCD of the player displays '**WRITING**' and flashing.

Step 6.   Before disconnect the player, make sure the LCD of the player displays "**READY**". If you are using Windows Me, Windows 2000 or Windows XP, please follow the **Safely Remove Instructions** to disconnect the player.

4-2   For Macintosh OS

Step 1.   Select some WMA/MP3 music files.

Step 2.   Drag and drop the files onto the **Untitled Disk** icon on the Desktop.

Step 3.   Starts to copy the files. The LCD of the player displays '**WRITING**' and flashing.

Step 4.   Before disconnect the player, make sure the LCD of the player displays "**READY**".

 DO NOT DISCONNECT THE CONNECTION WHILE THE PLAYER LCD DISPLAYS [READING] AND/OR [WRITING]. IT MAY CAUSE SERIOUS DAMAGES TO YOUR DATA AND THE PLAYER.

5-1 Getting Started

Power ON

Power ON：Press the Power On button to turn on the player.

```
┌─────────────────────────────────────┐
│ [■]          ROCK          [▭]       │
│                                      │
│ VOL ■■■▭      Song:   01 / 21   m     │
│                                      │
│    I LOVE NAPA,I'M HERE WAITING      │
│           Richard  Marx              │
│                                      │
│          0:00 / 0:00                 │
└─────────────────────────────────────┘
```
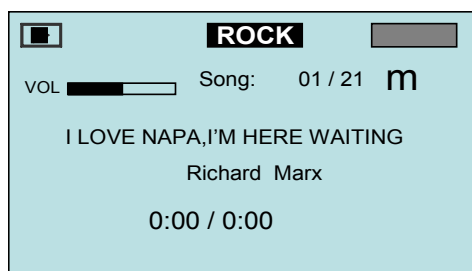
Music / Voice / Record

If you like, you can switch to playback voice memos or start to record voice. Just press the Operation Button and select **voice** or **record** in the menu list.

```
┌──────────────────────┐  ┌──────────────────────┐  ┌──────────────────────┐
│ [▷]            [▭]    │  │ [▷]            [▭]    │  │ [▷]            [▭]    │
│               m       │  │               m       │  │               m       │
│ →Music               │  │  Music               │  │  About               │
│  Voice               │  │ →Voice               │  │ →Record              │
│  Settings            │  │  Settings            │  │  Exit                │
│  Erase Files         │  │  Erase Files         │  │                      │
└──────────────────────┘  └──────────────────────┘  └──────────────────────┘
```
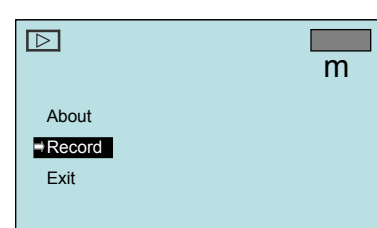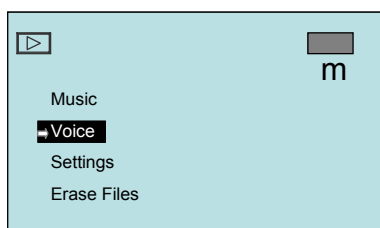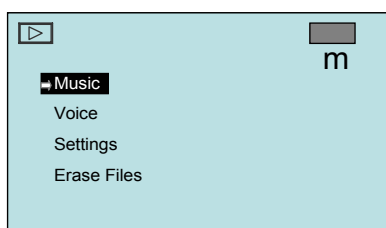
No Files Present

If there is no any WMA/MP3 files found in the player, the LCD displays "No Files Present" when you want to play music.

No Files

If there is no any recorded voice files found in the player, the LCD displays "No Files" when you want to listen to voice memos.

Power OFF

Power OFF: To turn off the player, keep on pressing the Stop button until the Shut Down Bar has finished.

```
┌─────────────────────────────────────┐
│                                      │
│         Continue Holding To          │
│              Power Off               │
│                                      │
│   ┌───┬───┬───┬───────────────┐      │
│   │███│███│███│               │      │
│   └───┴───┴───┴───────────────┘      │
│                                      │
└─────────────────────────────────────┘
```
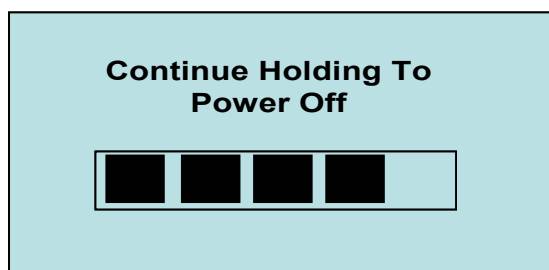
ℹ️ To turn off the player, must press the Stop button until the Shut Down Bar has finished. Otherwise the player returns to the status before press the Stop button.

5-2   LCD Display and Menu

The Menu

|			Remark
Music			Go to Play Music
Voice			Go to Play Voice
Settings			Adjust the player settings
	Eq	Normal	Normal effect
		Rock	Rock music effect
		Jazz	Jazz music effect
		Classic	Classic music effect
		Pop	Pop music effect
	Play Mode	Normal	No repeat
		Repeat Track	Play current music repeatedly
		Repeat All	Play all music repeatedly
		Shuffle	Random play music and stop
		Shuffle Repeat	Random play music repeatedly
	Contrast		Adjust the LCD screen contrast value
	Back Light	Disable	The backlight is off.
		3 seconds	The backlight time
		5 seconds	The backlight time
		10 seconds	The backlight time
	Power Saving	Disable	No power saving function.
		1 minute	The player shuts off time (How long the player is idle)
		2 minutes	The player shuts off time (How long the player is idle)
		5 minutes	The player shuts off time (How long the player is idle)
		10 minutes	The player shuts off time (How long the player is idle)
	Exit		Exit to Menu screen
Erase Files	Music		Choose one music to erase.
	Voice		Choose one voice memo to erase.
	Exit		Exit to Menu screen.
About			Displays the Firmware version, Media capacity and Free space.
Record			Go to Record Voice memo.
Exit			Exit to previous mode.

The LCD

1. Battery indicator
2. Hold key indicator
3. Play Modes indicator
4. A-B Repeat indicator
5. ID3 Tag display
6. Track Number
7. M: Music Mode; V: Voice Mode
8. EQ indicator
9. Volume level indicator
10. Player Status indicator
11. Elapsed Time/Track Time
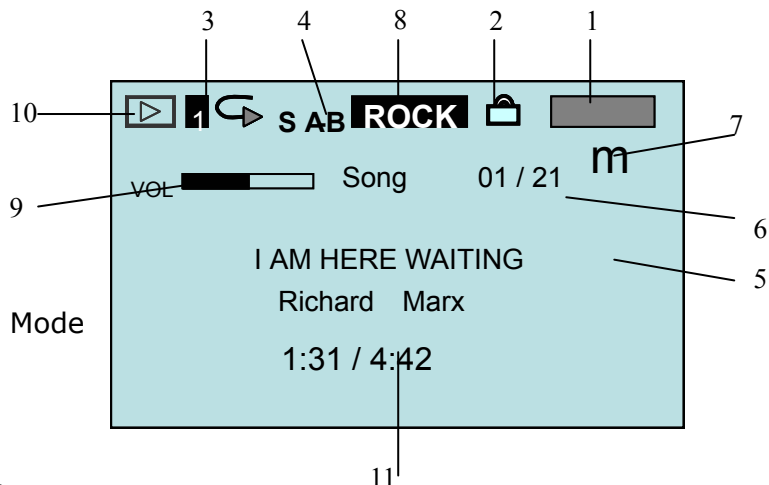
5-3   Play MP3/WMA Music

Select one song

After turn on the player, shift up/down the Operation button to select one song to listen.

Play MP3/WMA Music

Press Play button to start playback.
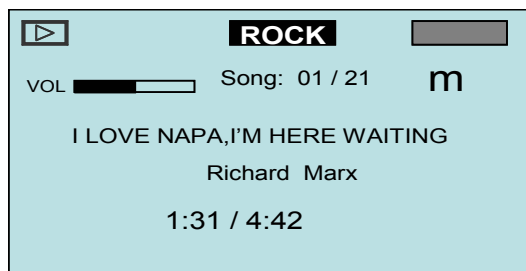
Pause the playback

To pause the playback, press the Play button while playback. To continue the playback, press the Play button again.

Fast Forward or Backward Skip in one song

Shift up/down and holding the Operation button to fast skip in current playback song.

A-B Repeat

（**Repeat a selected section of the music or voice memo continuously**）
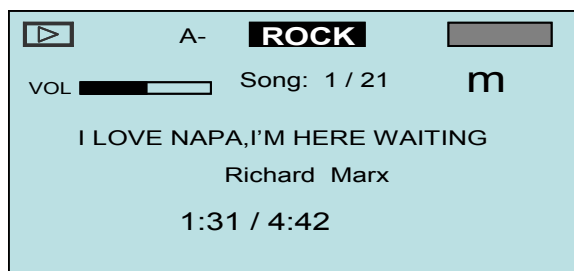
While playback music or voice memo, Press this button to mark the repeat point where you want the section to start, and press this button again where you want

the section to end. The player starts to playback the selected section from start to end repeatedly.

To cancel the A-B Repeat, press the A-B repeat button again. The A-B repeat indicator disappears from the LCD and the music continues playing from the point.

File Name Display

When you select one song, the file name displays on LCD. And the file name will scroll from left to right if the file name is longer than the display.

ID3 Tag Display

If the music contains ID3 tag which marks the music title and artist name, the LCD of the player displays them. The player supports English and Traditional Chinese. And the display will scroll from left to right if it is longer than the display.

5-4 Record Voice Memos

Start Record

Press and hold the **A-B repeat/REC** button to start voice record.

You can also activate this function from the menu:

In menu list, select Record and enter. The player is ready to record. To start record, press A-B Repeat button. Voice Record starts.
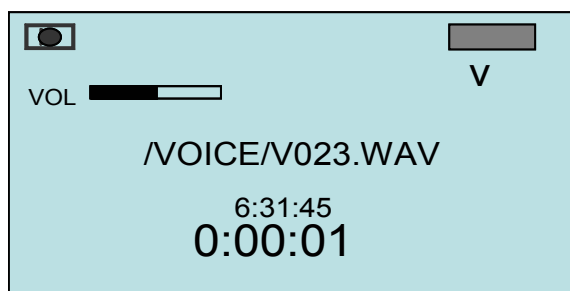
Stop Record

Press Stop button to stop the record. The voice memo has been saved as one file named VXXX.WAV in Voice folder.

Notice： The LCD displays MEMORY FULL when there has been no sufficient memory space to record more. The Record stops.

If this happens, please remove some files in the player to PC, or erase some music or voice memos which you think not useful anymore, and restart the recording.

5-5 Playback voice memos

The operation is almost same as playback music. Select **Voice** in menu and enter voice mode. You can select one memo to listen by shifting the Operation button. Press Play button to playback the voice memo.

5-6   Advanced Setting
Setting the Menu

Press the Operation button to enter menu list. Shift the Operation button and select Setting. Press the button to enter **Setting**. There are several advanced setting options.

1、**Equalizer Setting**

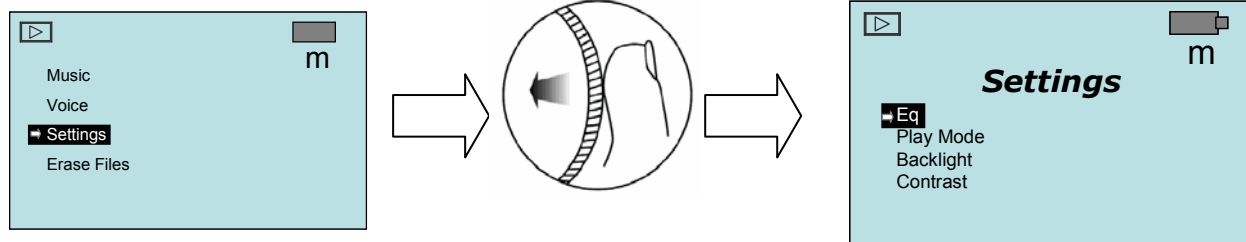Select **Equalizer** in the Setting list and enter.

The Equalizer (EQ) setting is to adjust the music playback effect. There are 5 kinds of EQ preset in the player: **Classic**, **PoP**, **Jazz**, **Rock** and **Normal**.

Shift the Operation to select one EQ and press the button to take effect.

Press and hold the Operation button to exit the menu.

2、**Play Modes Setting**

In the Setting list, Select **Play Modes** and enter.
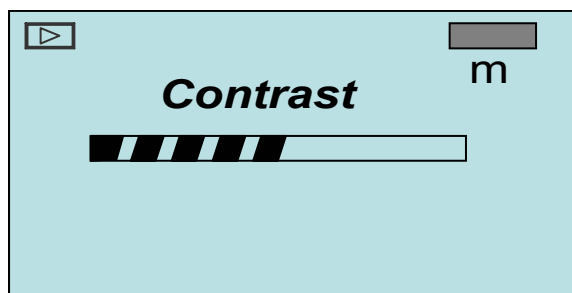

The Play Modes List appears. Shift the Operation button to select one play mode. Once you select one play mode, it has been effected without to press the Operation button.

Press and hold the Operation button to exit the menu.
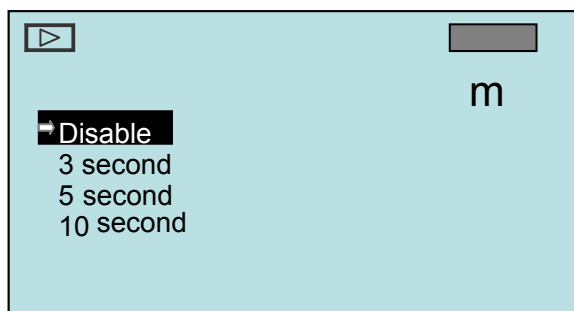

3、**Adjust LCD Contrast**

In the Setting list, Select **Contrast** and enter.

Shift the Operation button to adjust the contrast level.

4、Back Light

In the Setting list, Select **Back Light** and enter.

```
 ▷                          ▭
                              m

  ➡Disable
    3 second
    5 second
    10 second
```

Shift the Operation button to select turn on or turn off the back light. Press the Operation button to confirm.

5、Power Saving

In the Setting list, Select **Power Saving** and enter.

```
 ▷                          ▭
                              m

  ➡Disable
    1 min
    2 mins
    5 mins
    10 mins
```
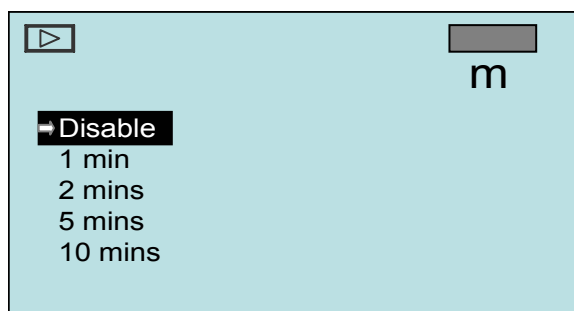
The Power Saving setting is to set how long after the player is idle to shut down the player automatically.

5-7   Erase files

⚠ **Warning: The file can not be recovered after erased.**

Step 1.   Cease the playback or recording when you start to erase files.
Step 2.   Press the Operation button to enter menu. Select **Erase Files** and enter. There are two options to select in **Erase Files** screen.
Step 3.   To erase music files, select **Music** and enter. To erase voice memos, select **Voice** and enter.

```
 ▷                    ▭
                       m
    Erase files

    Music
  ➡Voice
    Exit
```

```
 ▷                    ▭
                       m
    Erase files

  ➡Music
    Voice
    Exit
```
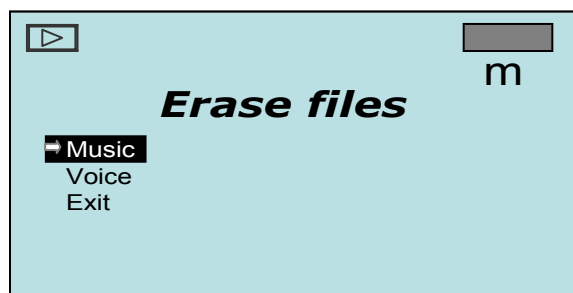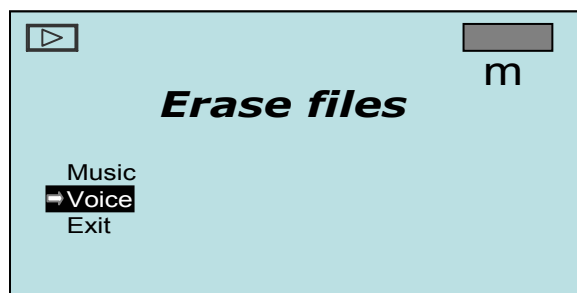
Step 4.   You are asking if you are sure to erase the listed music file or voice memo. The file name is listed on the screen to help you decide. The selected answer is **No** by default. If it is not the one to erase, press the Operation button. Another file is listed on the screen and you are asking if to erase this file again.

> Are you sure you want to delete the file
>
> I Love NAPA，I'm here waiting
>
> Yes ➡ No

Step 5.   If you are sure to erase the listed file, shift the Operation button to select **Yes**. Then press the Operation button to confirm.

Step 6.   The file is erased. Another file is listed on the screen and you are asking if to erase this file.

Step 7.   When you have finished erasing the file, press any key except the Operation button to exit to **Erase Files** screen.

Step 8.   Select **Exit** and enter to exit to menu list.

5-8 About

Select About in menu list and enter.

> ▷
>
> m
>
> *About*
>
> PA28   Ver1.000
> Int Media   128M
> Free   87968Kb
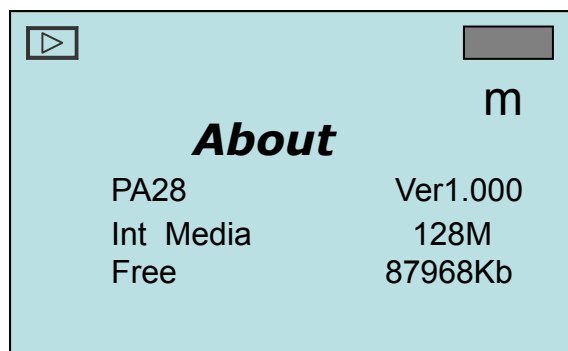
Here you can read information of the firmware version, built-in memory size and free memory size.

Press any key to exit to menu list screen.

5-9 Reset

During the course of using player, some unexpected reasons (static or un-correctly operation etc.) may cause the system halted of the player. If above mentioned situations take place, please use one thin and solid stick and press on the Reset button inside the Reset hole on the back of the player. Any reason causes the player abnormal and can try to reset.

Chapter 6 Software Utility

6-1 Software Utility

Upon the driver installation is completed, two software utilities will be installed in PC. Customer can use the utilities to format or upgrade the unit.

Start>Program> NAPA PA2x MP3 Player

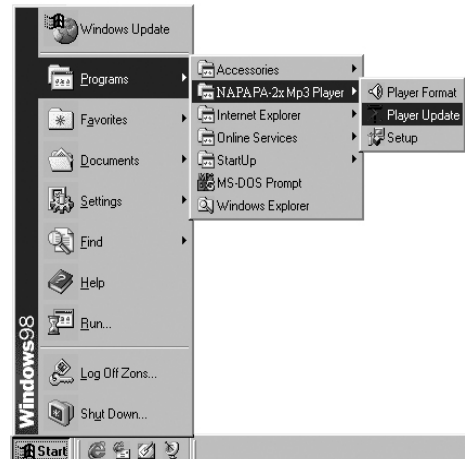Connect the player to computer and click the corresponding program to run:

6-2 Player Format

For Windows98:

Click on Start button, you can format the player storage.

Warning: Files can not be recovery after been formatted! Please backup useful files before format.

If don't want to format now, click on Close button to exit. If want to format, click on Start button to start format. After it is finished, click on Close button to exit. Before click on Start button, there is one "Quick format" option.

Quick format check box：**(Quick format)**
Selected(default) : Quick format the player storage, not scan for bad sectors.
Not Selected: Full format the player storage, scanning the storage for bad sectors.
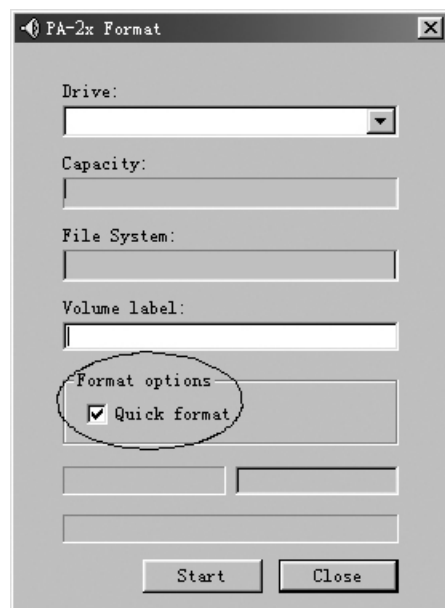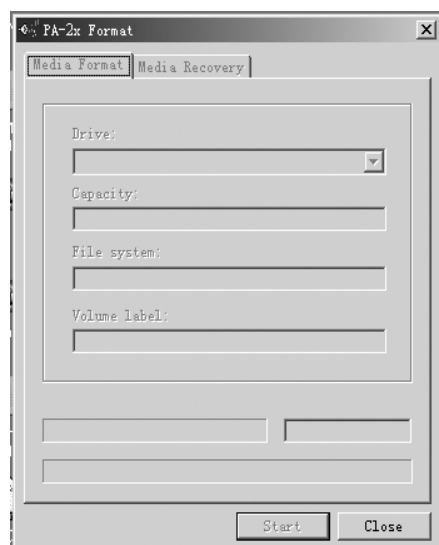
For Windows 2000/XP
(As the right Fig.)
Warning: Files can not be recovery after been formatted! Please backup useful files before format.
Media Format : Quick format the player storage.
If don't want to format now, click on Close button to exit. If want to format, click on Start button to start format. After it is finished, click on Close button to exit.

6-3   Player Update

The firmware in the player will be able to update through **Player Update** utility running on your PC. To update the firmware, user needs to run the **MP3 Player Update** utility from:

Start->Program-> NAPA PA2x MP3 Player

Check the Current Firmware Version and Upgrade Firmware Version. If you are sure it is the right version to update, click on Start button. The firmware is been updated to the player. Please wait until it is finished.

Click Close button to exit.
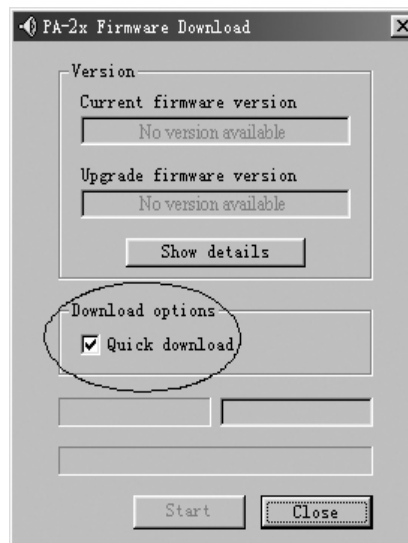
About the Quick download option

Selected (default) : Update the firmware only

Not selected: Update the firmware and format the storage. Please backup useful files if you want to update without Quick download.

How to Refresh the Firmware

Notice:

The firmware of the player may be corrupted if under illegal operations and special weather conditions. The player can not work if the firmware is corrupted. Please refresh the firmware to fix this problem.

How To Refresh The Firmware

1) Press and hold the Play button of the player;

2) Keeps on pressing the Play button and connect the player to your computer. Release the Play button after 5 seconds.

3) Click and run the Player Update utility. Click on Quick download option to let it be **Not Selected** status. Then click on Start button.

4) After it is completed, click on Close button to exit.

5) For the OS above Windows98, you can now click and run the Player Format Utility. You can now Full Format the storage by click on Start button under Media Recovery mode. It is one optional operation; helps check and fix the storage errors.

6) When the Refresh is completed, you still can not find the Removeable Disk drive in My Computer. Disconnect the player and reconnect to your computer.

7) You can download music to the player.

Waning: DO NOT DISCONNECT THE PLAYER WHILE FORMATING AND/OR UPDATING. IT MAY CAUSE SEVERE DAMAGE TO THE PLAYER!

Appendix 1   <u>Cautions</u>

Handle the player

- **No altering or remodeling.**
  This can cause malfunctioning.
- **No dropping or strong impacts**
  This may damage the unit.
- **Locations to be avoided**
  Avoid using or storing the unit in following locations since they can cause malfunctioning.
  1. Bathrooms and other moisture-prone places
  2. Warehouses and other dusty place.
  3. Very hot places near heating appliances, etc.
- **Avoid keeping the unit in places with high humidity, strong magnetic field, or near high heat source(s).**
- Do not leave the unit exposed to direct sunlight for long periods of time

Precautions for Listening with the Earphones

- Do not play your earphones at a high volume. Hearing experts advise against continuous extended play.
- If you experience a ringing in your ears, reduce volume or discontinue use.
- Do not use while operating a motorized vehicle. It may create a traffic hazard and is illegal in many areas.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations.
- Don't turn up the volume so high that you can't hear what's around you.
- Discontinue use if you experience discomfort with the headphones or earphones. Continued use may cause rashes or other allergic reactions.
- Static may cause player appear unusual situations, such as system halted etc. If above－mentioned situations take place, reset player can be solved.

Appendix 2   <u>Specifications</u>

Size (W x H x D) (Approximation)
- □ About 55 x 78 x 16 mm

Memory
Internal Memory (Built-in the main unit)
- □ 128MB

No Memory Expansion Slot

Interface
- □ USB Rev. 1.1

Power
- □ Built-in Rechargeable Battery
- □ Battery continuous playing time > 20 hours
- □ Re-Charging via USB Port

Equalizer
- □ Normal, Rock, Classic, Pop, Jazz

Display
- □ 128 x 64 dots Dot-Matrix LCD
- □ EL Blue Back-Light

Button & Switch
- □ One Jog-Dial type 3-way key (Menu / Next / Previous / Select)
- □ Power On/ Play / Pause button
- □ Stop / Power Off button
- □ A-B / REC. button
- □ Volume + button
- □ Volume – button
- □ Hold Switch

Processor
- □ 65 MIPS DSP

Audio Playback
- □ Windows Media Audio (WMA) decode
- □ MPEG Audio Layer 3 (MP3) decode

Voice Recording
- □ IMA-ADPCM encoding.
- □ About 8 hours recording @ 128MB Memory.

Signal to Noise Ratio
- □ 86 dB

Frequency Response
- □ 20 Hz ~ 20 KHz

Output
- □ 5mW (each output)

Total Harmonic Distortion Output
- □ < 0.1%

Ports
- □ Mini-USB Port
- □ Phone Out
- □ MIC-IN

Firmware
- □ Flash based. User upgradeable.

Appendix **3**   <u>FAQ</u>

1, Why am I unable to install the installation software to my operating system ?

Please note that Windows95 is unable to support USB interface properly. Please upgrade your system to Windows98 (Version 2.0, 4.10.2222 A), 2000, ME, or XP.

Please note that there is no driver required for PC running Windows2000, ME, and XP (Plug and Play).

2, Why can't I turn off the player while it is connecting with my PC ?

First of all, disconnect the player with your PC. Under stop mode and without any key operations, the player will power off automatically after 1, 2, 5 or 10 minutes, depends on the setting of Power Saving of the player.

3, What can I do if I encountered a download failure to the internal memory ?

- Be sure the power is enough for writing mode.
- Ensure your operating system has recognized the player as a *Removable Drive*.
- Ensure your PC meets the minimum system requirements for operating the player.
- Check the connection between the player and PC.
- Re-format the internal memory with the player's utility and download again.
- Send to repair if failure still exists.

4, Why the player's utility window cannot show-up sometimes ?

The player's utility only works on connection with PC and the player was power on at first. The correct connecting procedures are: turn on the player and plug in both sides of USB cable to the player and PC. It is not recommended to connect both player and PC first and then power on the player, which will fail to start up the player's utility window.

5, Why the files cannot be transferred or played back on the unit ?

The files may be corrupted. You have to initialize the internal memory by doing the following procedure:

1) Turn off the power of the player.

2) Power on the player. Press MENU once, select Erase Files then press MENU again. The player enters into erase status and the memory is ready to be initialized.

3) Erase all the files on the memory.

4) Exit the Erase menu, and you now should be able to transfer MP3 files into the unit and play again.

6, Why the LCD cannot display the details of the tracks ?

Please ensure the tracks are encoded with their ID3 tags being created as well. You may MP3 playback software such as Winamp to edit the ID3 tags of the tracks and the information must be recorded either in English or Traditional Chinese.

7, How long should I charge the battery before I use the player for the first time ?

Recharge the battery over 24 hours before the first time use the player.

8, What are the VBR or CBR supported by the player ?

The player is capable of supporting the content encoded with VBR (Variable Bit Rate) from 32, and up to 320 Kbps per MP3 track, or CBR (Constant Bit Rate) 48Kbps. It will read MP3 tracks that are sampled at 32khz, 44.1khz or 48khz. The playback possibility of 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192,224, 256 and 320 Kbps is allowed per MP3 track.

9, Why does distortion come out during playback ?

This maybe caused by low battery or temporary interrupt from outsides. Or, the content was bad encoded.

10, Why does the playback quality is bad ?

Please playback the same content on PC. Download again if it playback well with PC. If the problem is still there, please re-format the memory with the player's utility to clear the memory and try to download again. Or, it maybe caused by bad encoded or the source is bad quality either. Please close any temporary programs before encoding to attend good quality result.

11, Why are the buttons not functioning on the player ?

Please check if Hold switch slides to down or not. While the Hold switch is down, all the buttons will not be working at all.

12, Why do I hear nothing after press the Play button ?

Please check the Hold switch is on or off. It should be off.
Check that files have been stored in the built-in flash memory. Press the MENU button to view the information of internal memory (About) and press the Play button to try again.
Check the earphone connection or replace with another one.
Check the volume level and see if it has been set too low.
File format maybe incorrect. Only MP3 and WMA files can be played.
Ensure the MP3 or WMA files are not stored in folder(s) or directories.
Please send to repair if failure still exists.

13, Why does the LCD show blank but earphone output is still well ?

Please send the player to your local product service centre. The LCD becomes faulty substantially.